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Title: **JP57054441A2: ENCRYPTION SYSTEM IN MOBILE COMMUNICA SYSTEM**

Derwent Title: Secure control system for mobile communication system - provides secure communication when mobile station is moved from one radio zone to another radio zone [Derwent Record]

Country: **JP** Japan

Kind: **A**

Inventor: **SUWA KEISUKE**;
HATTORI TAKESHI;
KANEKO KATSUYA;

Assignee: **NIPPON TELEGR & TELEPH CORP <NTT>**
News, Profiles, Stocks and More about this company

Published / Filed: **1982-03-31** / 1980-09-19

Application Number: **JP1980000129131**

IPC Code: Advanced: **H04B 7/26**; **H04K 1/00**; **H04Q 7/38**;
Core: more...
IPC-7: **H04B 7/26**; H04K 1/00;

Priority Number: 1980-09-19 **JP1980000129131**

Abstract: PURPOSE: To make it unnecessary for a mobile station to retransmit key information to a new base station of transferred zone at zone transfer, by making a system constituted that the key information of encryption in mobile communication is stored at a line control station.

CONSTITUTION: In encryption for communication by a mobile station 2, the encryption request information from the mobiel station 2 and the key information f1 of encryption are transmitted to a base station 1. The station 1 receives it and returns the encryption confirming signal to the station 2, and the key information f3 is transmitted to a line control station 3 for storage. Since encryption is made with this constitution, even if the station 2 moves from a zone Z1 to Z2, when the key information f3 is transmitted from the station 3 to a new base station 1a to be transferred, the encryption can be kept without the transmission of key information from the station 2 to the station 1a.

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Family: None

Other Abstract Info: None

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